Project Design Phase-II
Solution Requirements (Functional & Non-functional)

Date	15 October 2022
Team ID	PNT2022TMID52484
Project Name	Fertilizer Recommendation System For Disease Prediction
Maximum Marks	4 Marks

Functional Requirements:

Following are the functional requirements of theFertilizer Recommendation System For Disease Prediction.

FR.NO	FUNCTIONAL REQUIREMENT	SUB REQUIREMENT
1	User Registration	Registration through website or application. Registration through social media like insta , facebook, whatsapp.
2	User Confirmation	Verify via mail, verify via OTP through SMS
3	User Login	Login through website or app using their Username and Password
4	User Access	Allows the app requirements
5	User Guide	Guides the basic steps for using the application
6	User Upload	User should be able to send the data
7	User solution	Data report should be generatedand delivered touser in every 24 hours
8	User Data sync	API interface to invoice system

Non –Functional Requirement :

Following are the non-functional requirement of theFertilizer Recommendation System For Disease Prediction.

S.NO	NON – FUNTIONAL REQUIREMENTS	DESCRIPTION
1	Usability	User can easily learn anduse the application and they can send their queries and data throughthe application. Usability can be assessedfrom different points of view: Efficiency of use: Low perceived workload: Intuitiveness:
2	Security	Security requirements ensure that the softwareis protected from unauthorized access to the system and its stored data.
3	Reliability	Reliability defines how likely it is for the softwareto work without failure for a given period of time.
4	Performance	Performance is a quality attribute that describes the responsiveness of thesystem to various user interactions with it.
5	Availability	Availability is gauged by the period of time that the system's functionalityand services are availablefor use with all operations.
6	Scalability	Scalability requirements describe how the systemmust grow without negative influence on its performance.